

STATE OF NEBRASKA
DEPARTMENT OF ROADS
ADDENDUM NO. 1
AND
ELECTRONIC BIDDING SYSTEM
AMENDMENT NO. 1
PROJECT NO. NH-20-5(111)
CONTROL NO. 31913/ 001
CALL NO. 315
US-20, ROYAL - PLAINVIEW
LETTING DATE: NOVEMBER 12, 2009

The Schedule of Items for Group 9 is amended as follows:

1. The bid item "Rumble Strips, Asphalt" has been added with a quantity of 1,506.920 STA.

The EBS generated bid items sheets must show this correction or the bid will be considered void.

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RUMBLE STRIPS

This work consists of cutting rumble strips in pavements to the dimensions, spacing, and at the locations shown in the plans or directed by the Engineer. The cutting head shall have the cutting tips arranged in a pattern as to provide a smooth cut [approximately 1/16" (2 mm) between peaks and valleys].

Alignment of the edge of the pattern will be randomly checked by the Engineer. Any rumble strips misaligned [+/- 2 inches (+/-50 mm)] shall be re-cut.

The Contractor shall demonstrate to the Engineer on an initial 500 foot (150 m) test section that the equipment and method will provide the desired milled rumble strip and surface inside each depression without tearing, snagging, or chipping the pavement. If the desired results are not being provided, as determined by the Engineer, the Contractor shall provide new equipment or method, or make necessary adjustments to provide the desired results. If the initial 500 foot (150 m) section results are unsatisfactory it will be repaired or replaced as determined by the Engineer, at no additional cost to the Department.

Excess waste material resulting from the operation shall be removed on a daily basis by use of a power broom or other method approved by the Engineer. Excess waste material shall be removed prior to opening the adjacent lane to traffic.

Any joint that had been previously sealed and then was damaged due to the installation of the rumble strip shall be resealed as directed by the Engineer.

The Contractor shall not place rumble strips on bridge decks and bridge approach slabs.

Method of Measurement

Each shoulder or centerline receiving rumble strips shall be measured separately in stations of 100 feet (100 meters). Stations shall be measured horizontally along the project centerline between the beginning and ending points. Deductions will be made for all areas where rumble strips are not required.

Basis of Payment

Pay Item	Pay Unit
Rumble Strips, Asphalt	Station (Sta)
	Station (StaM)
Rumble Strips, Concrete	Station (Sta)
	Station (StaM)

Payment is full compensation for all work required to install the rumble strips, and resealing joints as required. No additional payment will be made for the test sections that were deemed unsatisfactory.

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The plans are amended to include added sheet 2-N as depicted on the attached sheet.

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Upon execution of the contract, the plans will be revised to reflect these changes.

DEPARTMENT OF ROADS

Original Signed by Mike Stoltenberg

For Claude Oie
Construction Engineer

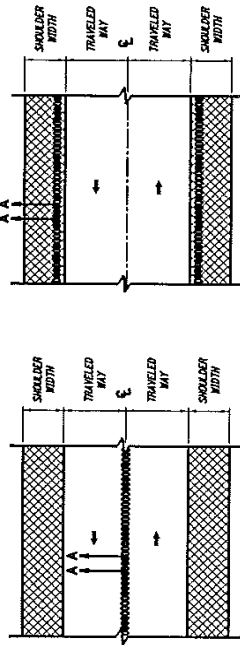
Issued: October 29, 2009

CO:315AD111

NOTICE: Only the contractors issued bidding proposals receive this addendum and responsibility for notifying any potential subcontractors or suppliers remains with the contractor.

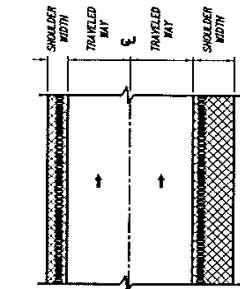
Added Sheet 2-N

GENERAL INFORMATION

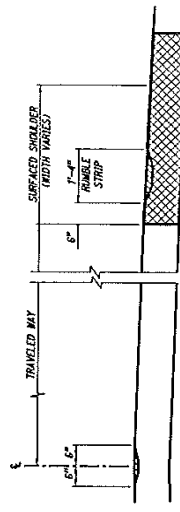
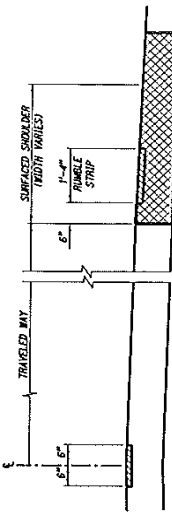


CENTERLINE LAYOUT

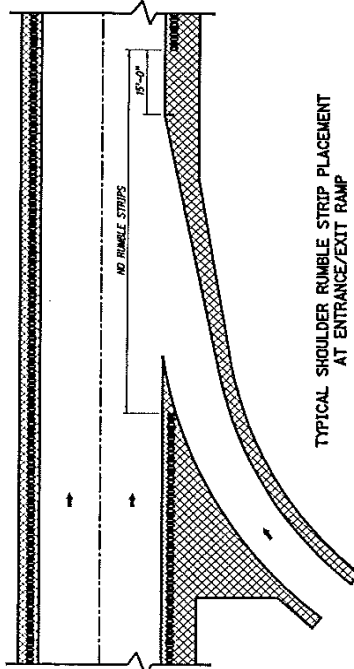
SHOULDER LAYOUT



DIVIDED HIGHWAY LAYOUT

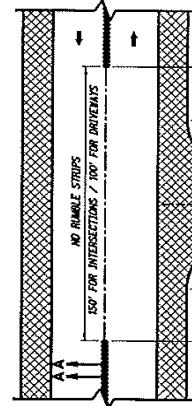


TYPICAL SHOULDER & CENTERLINE CONFIGURATION (ALTERNATE SHAPE)

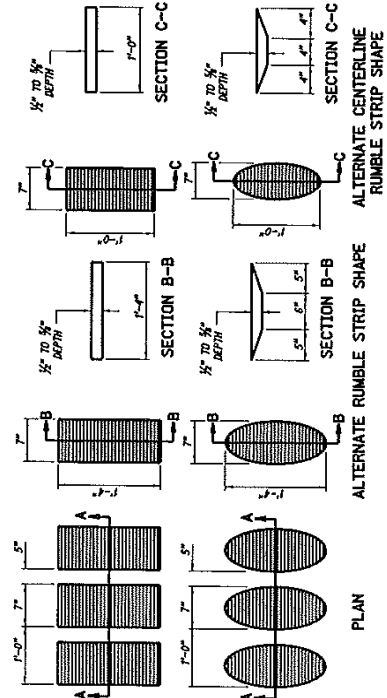


TYPICAL SHOULDER RUMBLE STRIP PLACEMENT AT ENTRANCE/EXIT RAMP

TYPICAL SHOULDER RUMBLE STRIP PLACEMENT AT INTERSECTION



TYPICAL CENTERLINE RUMBLE STRIP PLACEMENT AT INTERSECTIONS AND SURFACED DRIVES



NOTES:
RUMBLE STRIPS SHALL BE PLACED ON ALL SHOULDER AS INDICATED IN THIS PLAN AND IN ACCORDANCE WITH THE PROJECT PLANS. RUMBLE STRIPS ARE NOT MANUALLY EQUIPPED ON CITY STREETS AND OTHER URBAN SHOULDER ADJACENT TO CURB AND GUTTER UNLESS SPECIFICALLY NOTED IN THE PLANS.
RUMBLE STRIPS MAY BE CONTINUOUS THROUGH ALL DRIVEWAYS AND SHALL BE LIMITED ACROSS INTERSECTING ROADWAYS.



RUMBLE STRIP CORROGATIONS
SECTION A-A
TYPICAL FOR BOTH SHAPES
MILLED RUMBLE STRIPS